

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*In re* application of:  
Ian Orde Michael JACOBS

Application No. 10/542,280

Filed: April 10, 2006

For: METHODS, COMPOSITIONS AND BLENDS  
FOR FORMING ARTICLES HAVING  
IMPROVED ENVIRONMENTAL STRESS  
CRACK RESISTANCE

Examiner: ARYAN-NEJAD,  
Roshanak

Art Unit: 1791

Conf. No. 3462

Date: August 23, 2010

**DECLARATION OF PRIOR INVENTION UNDER 37 CFR § 1.131**

I, Ian Orde Michael Jacobs, am the sole inventor of the invention of this application. I hereby make the following declaration, which establishes completion of the invention of the present application in the United States at a date prior to October 31, 2002.

In addition, I am the sole inventor under Australian provisional patent application number 2002951546 entitled Treatment of Moulded Plastic Articles filed with the Australian Patent Office on September 17, 2002 (the "Provisional Application"), a certified copy of which is attached as Exhibit A hereto.

The Provisional Application was subsequently withdrawn without having been published or serving as a priority claim for any other patent applications, including the referenced application.

Support in the Provisional Application for the following claims of the referenced application is set forth in the following table.

Claim In Referenced Application	Support in Provisional Application
13. A process for the manufacture of flexible thin-walled articles including: injection moulding a blend of (a) at least one polymer and (b) at least one high melt flow compatible polymer having an MFI of greater than 100.	Page 12, lines 11-14
14. A process according to Claim 13, wherein the high melt	Page 12, lines 11-14

flow compatible polymer has an MFI of greater than 200.	
15. A process according to Claim 14, wherein the high melt flow compatible polymer has an MFI of greater than 300.	Page 12, lines 11-14
16. A process according to Claim 13, wherein at least one of (a) and (b) includes a polymer formed using a metallocene or similar catalyst system.	Page 12, lines 25-29
17. A process according to Claim 16, wherein both components (a) and (b) include a propylene and/or ethylene polymer or copolymer.	Page 12, lines 25-29
18. A process according to Claim 13, wherein component (a) is present in an amount of from about 40 to about 99.9 weight percent of the blend based on the total weight of (a) and (b) and forms the continuous or co-continuous phase of the blend.	Page 17, lines 11-12
22. A process according to Claim 13, wherein the blend further includes (c) nanoparticles dispersed therein.	Page 26, lines 16-18
23. A process according to Claim 13, wherein the extractables content for the compositions of the invention and mouldings therefrom is less than or equal to 2.0 wt %.	Page 17, lines 37-41
27. A process according to claim 13, wherein the at least one polymer (a) is a plastomer, substantially linear or branched polymer in which polypropylene constitutes over 50% of the polymer and which has an MFI of greater than 100.	Page 22, lines 4-20
30. The process according to claim 13, wherein the flexible thin-walled article is a tube.	Page 1, lines 17-36

Accordingly, we declare that this declaration and the attached Provisional Application establish conception and reduction to practice of the invention prior to October 31, 2002.

The person signing below hereby declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section

1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the referenced application or any patent issued thereon.

**SIGNATURE**

Full name of sole inventor: Ian Otto Michael Jacobs

Inventor's signature: *Ian Jacobs*

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